Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID53163
Project Name	Project – Personal Expense Tracker
Maximum Marks	8 Marks

Project Backlog, Sprint Schedule and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story /Task	Story Points	Priority	Team Members
Sprint -1	Registration Page	IM-1	As a user I should be able to register to the app	2	High	Adithya Sriram R, Aditya R
Sprint -1	Login Page	IM-2	As a user I should be able to login to the app	2	High	Aditya R, Meganathan V
Sprint -1	Profile Page	IM-3	As a user I should be able to access my profile page	2	High	Lochan N, Meganathan V
Sprint -1	Profile Page	IM-4	As a user I should be able to edit my details	2	Medium	Adithya Sriram R, Lochan N
Sprint -1	Profile Page	IM-5	As a user I should be able to logout	2	High	Meganathan V, Aditya R
Sprint -2	Home Page	IM-6	As a user I should be able to see my expenses as a graph	3	Medium	Aditya R, Adithya Sriram R
Sprint -2	Home Page	IM-7	As a user I should be able to see my daily expenditure	2	High	Lochan N, Meganathan V
Sprint -2	Home Page	IM-8	As a user I should be able to edit or delete my expenses	2	High	Lochan N, Aditya R
Sprint -2	Income Page	IM-9	As a user I should be able to add my income	2	Medium	Adithya Sriram R, Meganathan V
Sprint -2	Income Page	IM-10	As a user I should be able to edit my income	2	Medium	Aditya R, Lochan N

Sprint -3	Expenses Page	IM-11	As a user I should be able to add my expenses and categorize them	3	High	Adithya Sriram R, Aditya R
Sprint -3	Expenses Page	IM-12	As a user I should be able to edit and delete my expenses	3	High	Meganathan V, Adithya Sriram R
Sprint -3	Expenses Page	IM-13	As a user I should be notified if for over spent	3	High	Lochan N, Meganathan V
Sprint -4	Deployment	IM-14	As a user I should be able to monitor different categories of expense	2	Medium	Meganathan , Aditya R
Sprint -4	Deployment	IM-15	As a user I should be able to use the app on the cloud platform	3	High	Aditya R, Lochan N
Sprint -4	Deployment+ Home Page	IM-16	As a user I should be able to see the graphical representation of my expenses	3	High	Adithya Sriram R, Lochan N
Sprint -4	Home Page	IM-17	As a user I should be able to set my cycle size	2	Medium	Aditya R, Meganathan V

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	7 Days	20 Oct 2022	27 Oct 2022	10	- (Meet Planned Date)
Sprint-2	11	7 Days	28 Oct 2022	4 Nov 2022	11	- (Meet Planned Date)
Sprint-3	9	6 Days	5 Nov 2022	11 Nov 2022	9	- (Meet Planned Date)

Sprint-4	10	6 Days	12 Nov 2022	18 Nov 2022	10	- (Meet Planned Date)

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Average Velocity:

Average Points per sprint = (10+11+9+10)/4=10

Story points per day/average velocity = 10/6.5=1.538

Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burndown charts can be applied to any project containing measurable progress over time.

The burndown chart can only be generated once a sprint or two is completed. It currently doesn't generate a burndown chart. We all upload the same to the Jira Files directory as and when our burndown chart gets updated.